

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Public Works	(2) MEETING DATE 7/21/2015	(3) CONTACT/PHONE Cori Marsalek, Project Manager (805) 781-4995	
(4) SUBJECT Request to approve a contract for professional consulting services with Drake Haglan and Associates, Inc., in an amount not to exceed \$795,355.49; and authorize a budget adjustment, in the amount of \$524,018, to increase the appropriation and associated funding for the South Bay Boulevard at Los Osos Creek Bridge Replacement Project, Los Osos. District 2.			
(5) RECOMMENDED ACTION In accordance with applicable State Law, it is recommended that the Board: <ol style="list-style-type: none"> 1. Approve and execute a contract with Drake Haglan and Associates, Inc., in an amount not to exceed \$795,355.49, for the South Bay Boulevard at Los Osos Creek Bridge Replacement Project; 2. Authorize the Public Works Director to approve additional supplemental work for an aggregate amount not to exceed \$30,000; and 3. Authorize a budget adjustment, by a 4/5 vote, in the amount of \$524,018 to increase the appropriation and associated funding 			
(6) FUNDING SOURCE(S) HBP, Road Fund	(7) CURRENT YEAR FINANCIAL IMPACT \$825,355.00	(8) ANNUAL FINANCIAL IMPACT \$0.00	(9) BUDGETED? Yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. ____) <input type="checkbox"/> Board Business (Time Est. ____)			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input checked="" type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A			
(12) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) 19001569		(13) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: 1516004 <input checked="" type="checkbox"/> 4/5 Vote Required <input type="checkbox"/> N/A	
(14) LOCATION MAP Attached	(15) BUSINESS IMPACT STATEMENT? No	(16) AGENDA ITEM HISTORY <input type="checkbox"/> N/A Date: <u>9/25/12, #C-5</u>	
(17) ADMINISTRATIVE OFFICE REVIEW David E. Grim			
(18) SUPERVISOR DISTRICT(S) District 2			

Reference: 15JUL21-C-5

County of San Luis Obispo



TO: Board of Supervisors

FROM: Public Works
Cori Marsalek, Project Manager

VIA: Dave Flynn, Deputy Director of Public Works

DATE: 7/21/2015

SUBJECT: Request to approve a contract for professional consulting services with Drake Haglan and Associates, Inc., in an amount not to exceed \$795,355.49; and authorize a budget adjustment, in the amount of \$524,018, to increase the appropriation and associated funding for the South Bay Boulevard at Los Osos Creek Bridge Replacement Project, Los Osos. District 2.

RECOMMENDATION

In accordance with applicable State Law, it is recommended that the Board:

1. Approve and execute a contract with Drake Haglan and Associates, Inc., in an amount not to exceed \$795,355.49, for the South Bay Boulevard at Los Osos Creek Bridge Replacement Project;
2. Authorize the Public Works Director to approve additional supplemental work for an aggregate amount not to exceed \$30,000; and
3. Authorize a budget adjustment, by a 4/5 vote, in the amount of \$524,018 to increase the appropriation and associated funding.

DISCUSSION

The South Bay Boulevard Bridge is located between Los Osos and Morro Bay and is a principle Diablo Canyon Power Plant evacuation route. Based on an Earthquake Evacuation Study performed by Pacific Gas & Electric Company, the South Bay Boulevard Bridge was identified as having high potential for damage due to a significant seismic event. An initial structural assessment was performed which lead to a determination by the California Department of Transportation (Caltrans) that, based on current seismic design standards, the bridge is eligible for funding authorized by the Federal Highway Administration's (FHWA) Highway Bridge Program.

To determine whether a retrofit of the existing bridge was feasible a Seismic Retrofit Strategy Report was prepared. It was determined that the life cycle cost benefit analysis does not support retrofit of the existing structure and that replacing the bridge is the preferred seismic retrofit strategy.

To move forward with the replacement of the bridge, the Public Works Department performed a qualifications based selection in accordance with the County's Purchasing Handbook and the Caltrans Local Assistance Procedures Manual. A previously approved short list of three qualified consultants was used; however, proposals were only received from two firms. A selection committee composed of a supervising engineer, environmental specialists, and a Caltrans Local Assistance Engineer, independently evaluated and scored the written proposals. Drake Haglan and Associates, Inc. (DHA) is the selection committee's top-ranked consultant. DHA has provided a satisfactory proposal indicating that they will perform the required work within the stipulated time frame for a "not to exceed price" of \$795,355.49.

The contract provides for DHA to perform professional and technical engineering, design, and environmental services including but not limited to, environmental studies archaeological investigations, geotechnical investigations, and preparation of project reports, plans, specifications, and estimate (PS&E) package for the subject bridge.

DHA will utilize the following firms:

- Kleinfelder of Fresno for geotechnical investigations
- Padre Associates, Inc. of San Luis Obispo for environmental studies
- Garcia and Associates of San Luis Obispo for archaeological investigations

DHA will provide the Public Works Department with a final PS&E package to advertise the project for construction. Barring any unforeseen delays, construction is expected to occur in 2022.

OTHER AGENCY INVOLVEMENT/IMPACT

Caltrans Office of Local Assistance oversees funding by agreement with FHWA for authorization to utilize funds under the Highway Bridge Program (HBP). Caltrans, by separate agreement, is also responsible for FHWA's responsibilities under the National Environmental Policy Act (NEPA) and other federal environmental laws such as the Endangered Species Act and Section 106 of the National Historic Preservation Act.

The California Coastal Commission, Regional Water Quality Control Board, Army Corps of Engineers, National Marine Fisheries Services, U.S. Fish and Wildlife Service, and California Department of Fish and Wildlife will all be contacted to obtain the necessary environmental clearance/permits. Various utility companies will be contacted.

The Public Works Department will implement a Public Outreach Plan to provide the community an opportunity to voice concerns about the project and to allow a forum for community input regarding bridge esthetics.

FINANCIAL CONSIDERATIONS

The proposed Agreement for Drake Haglan & Associates is for a total compensation amount of \$795,355.49. It also provides for authorization of additional supplemental work not to exceed an amount of \$30,000.

This is a multi-year bridge project budgeted through the Design Phase in the Roads Fund FY 2015-16 at \$529,400. Estimated project design costs in FY 15/16 are \$1,053,418. Funding for this project will be from the Federal Highway Bridge Program (HBP), State Aid Nuclear Planning and the Road Fund.

The County has received additional funding authorization through the Federal HBP, for the design phase of the project. It is necessary for Your Board to authorize a budget adjustment, in the amount of \$524,018, by a 4/5th's vote to increase the appropriation and the associated funding for this project

The cost to construct the replacement of the bridge is yet to be determined. Subsequent phases to the project will be budgeted over the next year.

Please see Exhibit "A" for an estimated cost breakdown of the project.

RESULTS

To provide the public with a geometrically and structurally sound bridge, that will help to maintain the integrity of the County Road System to improve safety and enhance quality of life for the community.

File: 300445

Reference: 15JUL21-C-5

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ATTACHMENTS

1. Vicinity Map
2. Exhibit A- Project Cost Estimate
3. Contract for Professional Consultant Services